WHAT IS CLAIMED IS:

1. An encryption algorithm management system having a terminal unit and a center unit that have a common cipher-key to a ciphered encryption algorithm,

said terminal unit comprises:

a transmitter configured to transmit a demand to said center unit for obtaining an encrypted data needed for decrypting said ciphered encryption algorithm when said ciphered encryption algorithm is decrypted; and

an encryption controller configured to renew said common cipher-key in case of receiving said encrypted data from said center unit in response to said demand, and to produce an encryption algorithm by decrypting said encrypted data with the renewed common cipher-key,

said center unit comprises:

a key controller configured to renew said common cipher-key so as to be identical with said renewed common cipher-key in case of receiving said demand from said transmitter; and

an encoder configured to produce said encrypted data by encrypting a cipher-key with said renewed common cipher-key and to transmit said encrypted data to said terminal unit.

2. The encryption algorithm management system as recited in claim 1, wherein said encryption controller produces said cipher-key instead of said encryption algorithm.

3. The encryption algorithm management system as recited in

claim 1, wherein said encrypted data is produced by encrypting said ciphered encryption algorithm with said renewed common cipher-key instead of encrypting said cipher-key with said renewed common cipher-key.

4. A terminal unit having a common cipher-key to a ciphered encryption algorithm that is jointly owned by a center unit, comprising:

a transmitter configured to transmit a demand to said center unit for obtaining an encrypted data needed for decrypting said ciphered encryption algorithm when said ciphered encryption algorithm is decrypted; and

an encryption controller configured to renew said common cipher-key in case of receiving said encrypted data from said center unit in response to said demand, and to produce an encryption algorithm by decrypting said encrypted data with the renewed common cipher-key.

5. The terminal unit as recited in claim 4, wherein said encryption controller produces said cipher-key instead of said encryption algorithm.

6. The terminal unit as recited in claim 4, wherein said encryption controller is stored in an unreadable memory area that may not be rewritten by outsiders.

7. A center unit having a common cipher-key to a ciphered encryption algorithm that is jointly and renewably owned by a terminal unit, comprising:

a key controller configured to renew said common cipher-key

so as to be identical with said renewed common cipher-key in case of receiving said demand from said transmitter; and

an encoder configured to produce said encrypted data by encrypting a cipher-key with said renewed common cipher-key and to transmit said encrypted data to said terminal unit.

8. The center unit as recited in claim 7, wherein said encrypted data is produced by encrypting said ciphered encryption algorithm with said renewed common cipher-key instead of encrypting said cipher-key with said renewed common cipher-key.

9. The center unit as recited in claim 7, further comprising:

a verification controller configured to verify whether said terminal unit is authorized to use said encryption algorithm at the time of receiving said demand from said terminal unit, and to have said key controller renew said common cipher-key only if said terminal unit has the authorization.

10. An encryption algorithm management system having a terminal unit and a center unit that have a common cipher-key to a ciphered encryption algorithm,

said terminal unit comprises:

a transmitter configured to transmit a demand to said center unit for obtaining an encrypted data needed for decrypting said ciphered encryption algorithm every predetermined times that said ciphered encryption algorithm is decrypted; and

an encryption controller configured to renew said

common cipher-key in case of receiving said encrypted data from said center unit in response to said demand, and to produce an encryption algorithm by decrypting said encrypted data with the renewed common cipher-key,

said center unit comprises:

a key controller configured to renew said common cipher-key so as to be identical with said renewed common cipher-key in case of receiving said demand from said transmitter; and

an encoder configured to produce said encrypted data by encrypting a cipher-key with said renewed common cipher-key and to transmit said encrypted data to said terminal unit.

11. The encryption algorithm management system as recited in claim 10, wherein said encrypted data is produced by encrypting said ciphered encryption algorithm with said renewed common cipher-key instead of encrypting said cipher-key with said renewed common cipher-key.

12. A terminal unit having a common cipher-key to a ciphered encryption algorithm that is jointly owned by a center unit, comprising:

a transmitter configured to transmit a demand to said center unit for obtaining an encrypted data needed for decrypting said ciphered encryption algorithm every predetermined times that said ciphered encryption algorithm is decrypted; and

an encryption controller configured to renew said common cipher-key in case of receiving said encrypted data from said

center unit in response to said demand, and to produce an encryption algorithm by decrypting said encrypted data with the renewed common cipher-key.

13. The terminal unit as recited in claim 12, wherein said encryption controller is stored in an unreadable memory area that may not be rewritten by outsiders.